

Figure 1 Application Architecture

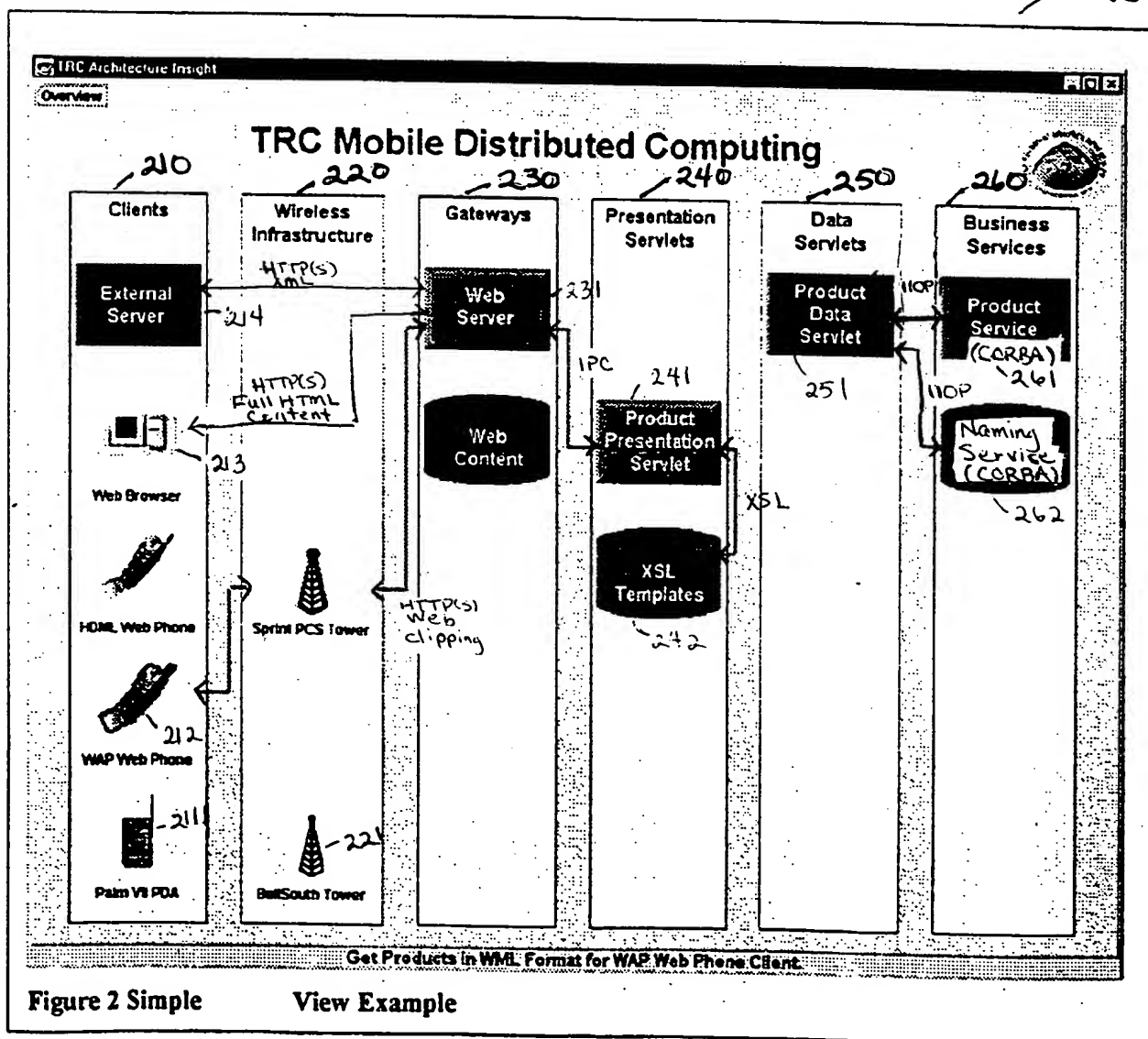
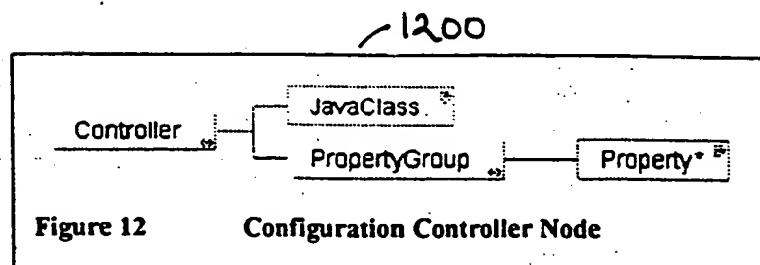
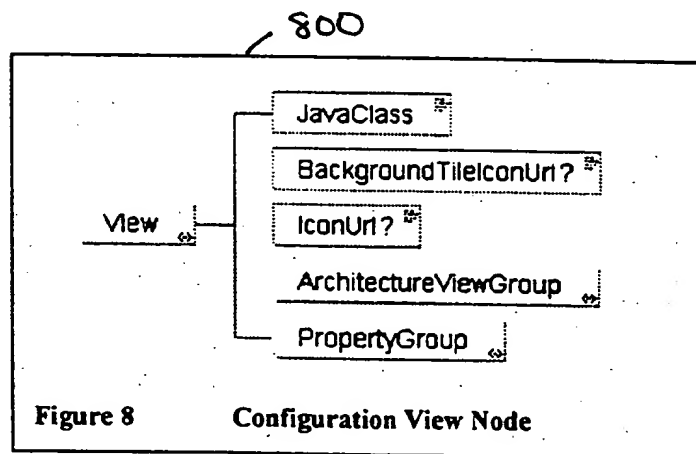
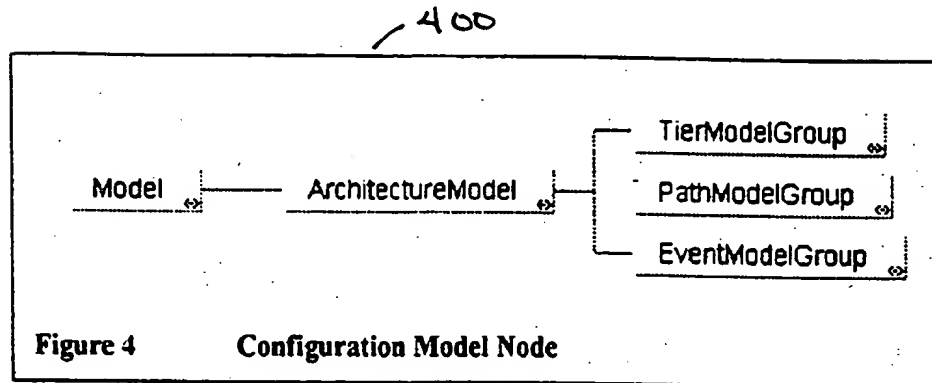
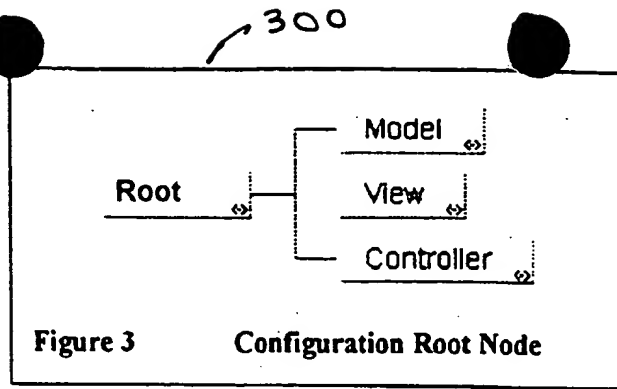


Figure 2 Simple

View Example

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TierModelGroup

TierModel+

ComponentModelGroup

ComponentModel+

Figure 5 Configuration TierModelGroup Node

500A

Attribute Name	Description	Data Type	Constraints	Required
name	Symbolic name of an element. This name is used by other configuration elements to refer to this element.	String	None	Yes

Figure 5A Attributes for "TierModel" Element

500B

Attribute Name	Description	Data Type	Constraints	Required
name	Symbolic name of an element. This name is used by other configuration elements to refer to this element.	String	None	Yes

Figure 5B Attributes for "Component Model" Element

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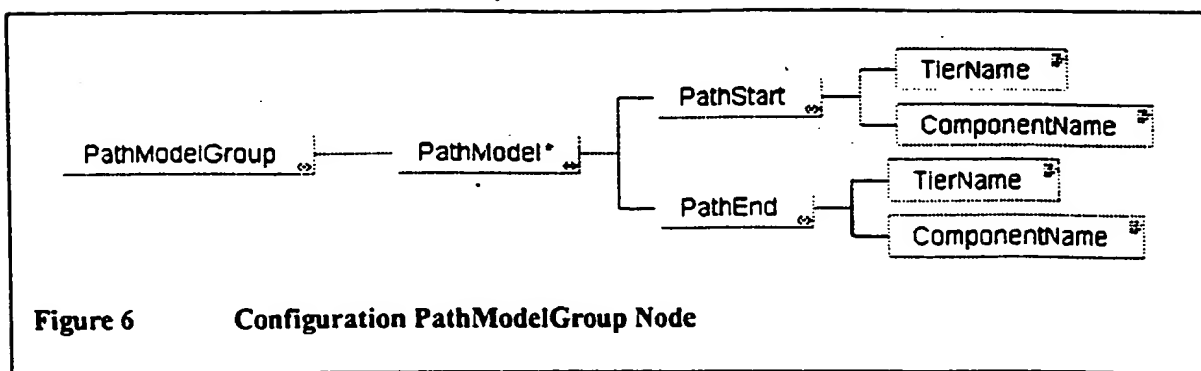


Figure 6 Configuration PathModelGroup Node

600A

Attribute Name	Description	Data Type	Constraints	Required
name	Symbolic name of an element. This name is used by other configuration elements to refer to this element.	String	None	Yes

Figure 6A Attributes for "PathModel" Element

```

classDiagram
    class EventModelGroup
    class EventModel "*"
    class EventChannelName "n"
    class PropertyGroup "n"
    class Property "*"

    EventModelGroup "1" -- "1" EventModel*
    EventModel* "1" -- "n" EventChannelName
    EventModel* "1" -- "n" PropertyGroup
    PropertyGroup "1" -- "n" Property*
  
```

Figure 7 Configuration EventModelGroup Node

Figure 7 Configuration EventModelGroup Node

Attribute Name	Description	Data Type	Constraints	Required
name	Symbolic name used by other elements of the configuration to refer to this element.	String	None	Yes

Figure 7A Attributes for "Event" Element

Attribute Name	Description	Data Type	Constraints	Required
name	The name of the property.	String	None	Yes

Figure 7B Attributes for "Property" Element

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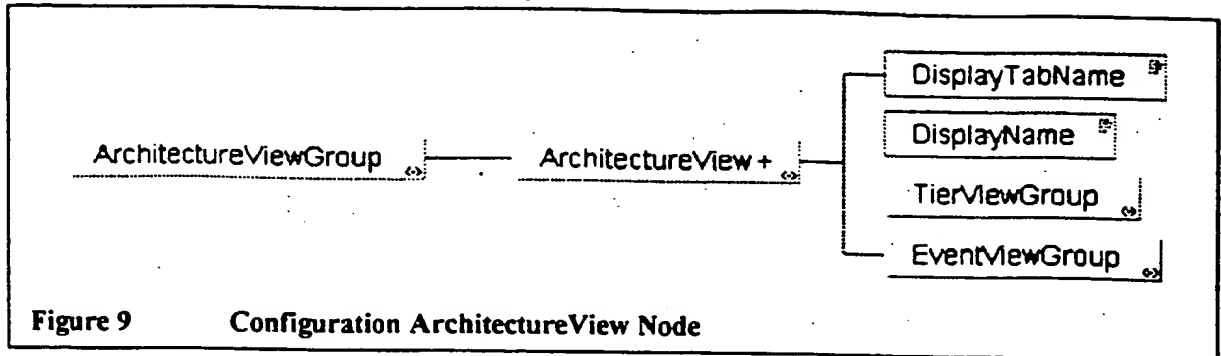


Figure 9 Configuration ArchitectureView Node

900A

Attribute Name	Description	Data Type	Constraints	Required
name	Label used to navigate the XML configuration. Useful when there are multiple architecture views in a configuration.	String	None	Yes

Figure 9A Attributes for "ArchitectureView" Element

900B

Property Name	Property Value	Required	Description
Default Highlight Duration Millis	Duration in integer milliseconds.	No. Default 5000.	The time in milliseconds that the last component in a nested path view will remain highlighted.
Default Highlight Delay Millis	Delay in integer milliseconds.	No. Default 500.	Where an event is visualized with more than one path highlight this is the time between successive path highlights.

Figure 9B Optional View Properties for Basic View Implementation

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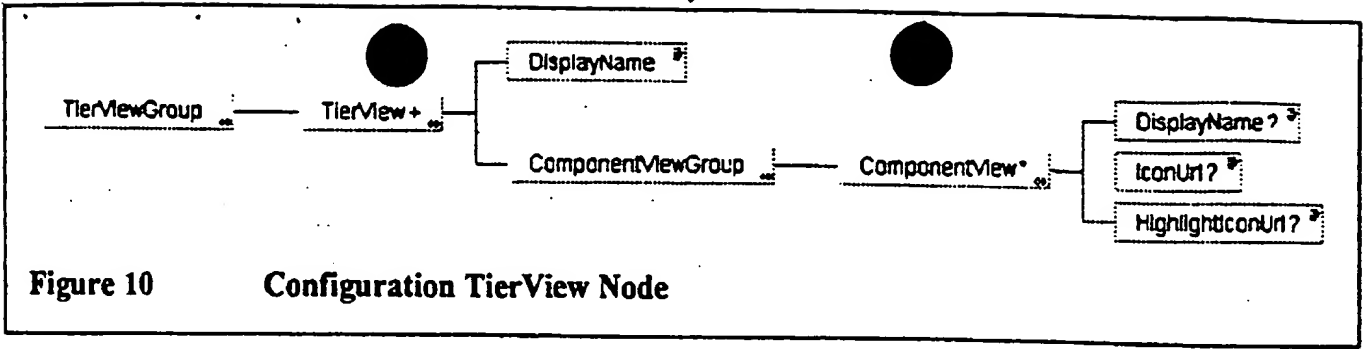


Figure 10 Configuration TierView Node

1000A

Attribute Name	Description	Data Type	Constraints	Required
Vertical Alignment	The vertical proximity of the label relative to the entity being labelled	Enum	top middle bottom	No. Default "middle".
font Size	The font size in points to use for the label.	Integer	> 8. Values depend on font sizes contained in runtime environment. plain bold italic	No. Default 12. No default "plain".

Figure 10A Attributes for "DisplayName" Element

1000B

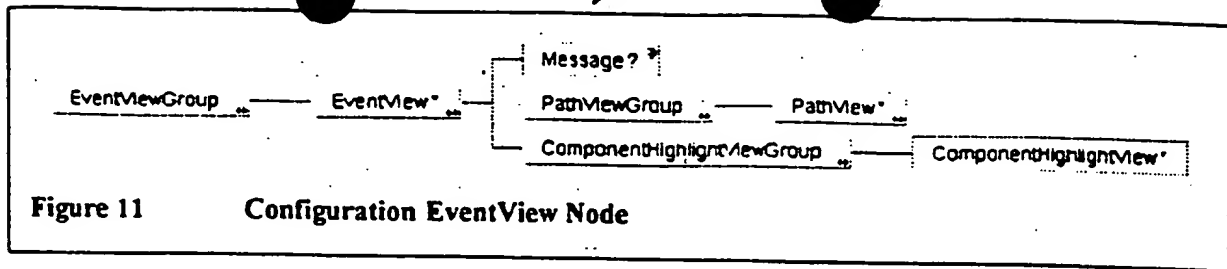
Attribute Name	Description	Data Type	Constraints	Required
name	Symbolic name of the tier being viewed	String	Corresponds to the name of a valid tier as specified by the value of the name attribute on a Model.ArchitectureMode.TierModel element	Yes

Figure 10B Attributes for "TierView" Element

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Figure 10C Attributes for "ComponentView" Element



1100A

Attribute Name	Description	Data Type	Constraints	Required
name	Symbolic name of the event that triggers the visualization described by this Event View element.	String	Corresponds to a valid event name as defined by the value of the name attribute of a Model.ArchitectureModel.Event element.	Yes

Figure 11A Attributes for "EventView" Element

1100B

Attribute Name	Description	Data Type	Constraints	Required
name	Symbolic name of the path that being viewed.	String	Corresponds to a valid path name as defined by the value of the name attribute of a Model.ArchitectureModel.PathModel element.	Yes
startSide	The vertical side of the start component on which the path highlight begins	Enum	left right	No. Default "right".
startPort	The port on the vertical side of the component at which the path highlight begins. Note that the sides of each component are actively divided into 10 regularly spaced ports with port 0 on the top and port 9 on the bottom.	Enum	0 1 2 3 4 5 6 7 8 9	No. Default "4".

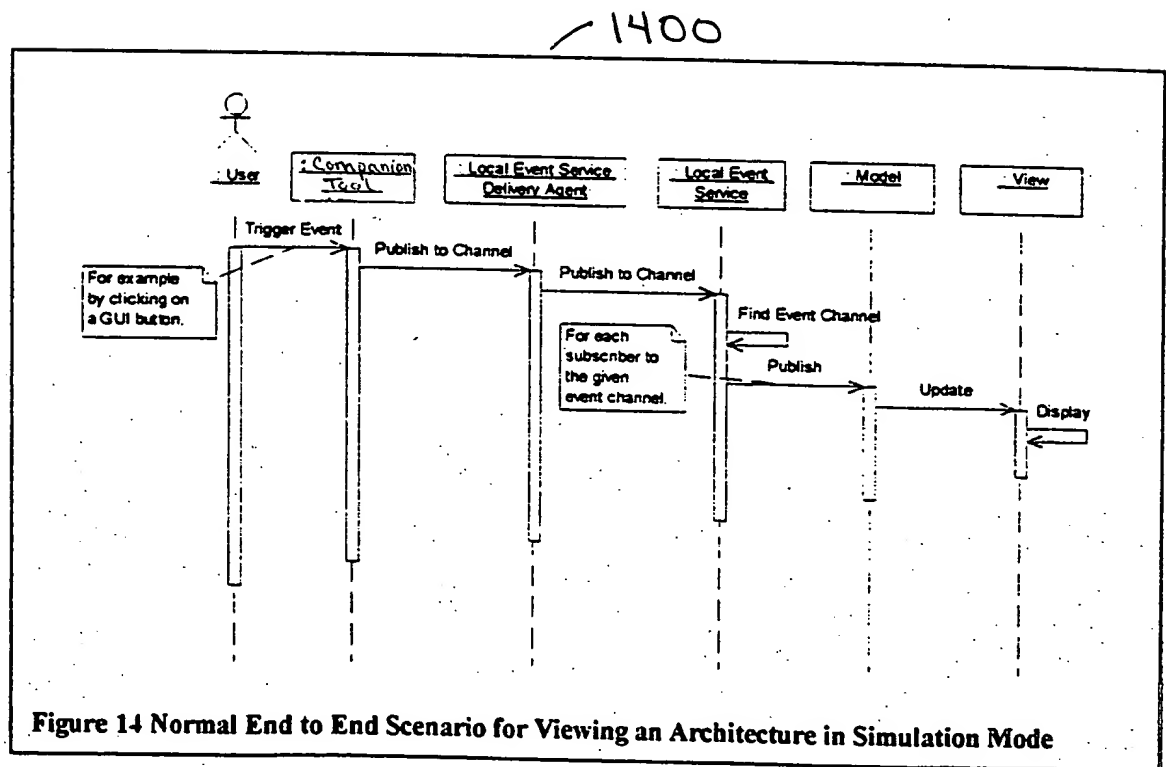
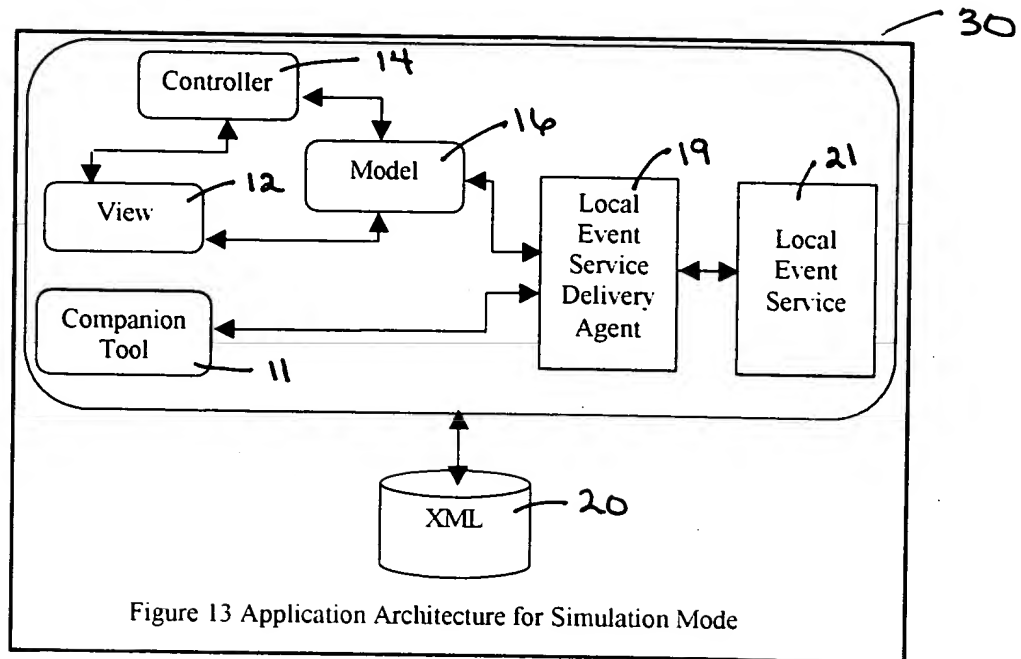
verticalTrack	Where start and end components of a path are at different heights the path highlight must make a vertical transition between tiers. This attribute defines the horizontal positioning of this transition with 0 on the left, 9 on the right and regularly space intervals in between. Where multiple paths may be highlighted concurrently and overlap during their vertical transition this attribute may be used to move them apart to avoid overlap. See also the verticalProximity attribute on this element.	Enum	0 1 2 3 4 5 6 7 8 9	No. Default "4".
endSide	The vertical side of the end component on which the path highlight ends.	Enum	left right	No. Default "left".
endPort	The port on the vertical side of the component at which the path highlight ends. Note that the sides of each component are effectively divided into 10 regularly spaced ports with port 0 on the top and port 9 on the bottom.	Enum	0 1 2 3 4 5 6 7 8 9	No. Default "4".
color	The color of the path when highlighted.	String	A valid color, for example in the format "OxFF9C00".	No. Default "OxFF0000" (red).
verticalProximity	When start and end components of a path are at different heights the path must make a vertical transition. This attribute defines if this transition will be next to the start component or end component. See also the verticalTrack attribute on this element.	Enum	startComponent endComponent	No. Default "startComponent"
onCheckpointName	Symbolic name of the checkpoint in time at which this path highlight begins. Used for example to control component to highlight views.	String	None.	No.
offCheckpointName	Symbolic name of the checkpoint in time at which this path highlight ends. Used for example to control component highlight views.	String	None.	NO.

Figure 11B Attributes for "PathView" Element

/ 1100C

Attribute Name	Description	Data Type	Constraints	Required
name	The name of the component to highlight.	String	This corresponds to the name of a valid components as defined by the value of the name attribute of a Model. ArchitectureModel.TierMode	Yes
onCheckpoint Name	The name of the checkpoint in time at which point to highlight the component	String	This corresponds to the value of the onCheckpoint Name attribute of a PathView element on the same View. ArchitectureView.Event View scope as this ComponentHighlight View element.	Yes
offCheckpoint Name	The name of the checkpoint in time at which point to unhighlight the component	String	This corresponds to the value of the offcheckPointName attribute of a PathView element in the same View. ArchitectureView.Event View scope as this ComponentHighlight View element. This checkpoint should occur after the "on" checkpoint.	Yes
tier	The name of the tier containing the component to highlight	String	This corresponds to the name of a valid tier as defined by the value of the name attribute of the Model. ArchitectureModel. ArchitectureModel.TierMode 1 element that contains the component with the name defined by the name attribute on the same ComponentHighlight View element.	Yes

Figure 11C Attributes for "ComponentHighlight View" Element



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